

Title (en)
IDENTIFICATION OF MODULATORS OF GPR41 OR GPR42 ACTIVITY

Title (de)
IDENTIFIZIERUNG VON MODULATOREN VON GPR41- ODER GPR42-AKTIVITÄT

Title (fr)
IDENTIFICATION DE MODULATEURS DE L'ACTIVITE GPR41 OU GPR42

Publication
EP 1255779 A2 20021113 (EN)

Application
EP 01904221 A 20010219

Priority

- GB 0100684 W 20010219
- GB 0003900 A 20000218
- GB 0007015 A 20000322

Abstract (en)
[origin: WO0161359A2] This invention relates to a method for identification of an agent that modulates activity of G-protein coupled receptor 41 (GPR 41), or G-protein coupled receptor 42 (GPR 42) which method comprises: (i) contacting a test agent with GPR 41, GPR42 or a variant of either thereof which is capable of coupling to a G-protein; and (ii) monitoring for GPR 41 or GPR 42 activity in the presence of a G-protein; thereby determining whether the test agent modulates GPR 41 or GPR 42 activity. An agent identifiable by this method is provided for use in the treatment of dyslipidaemia, coronary heart disease, atherosclerosis, thrombosis or obesity, angina, chronic renal failure, peripheral vascular disease, stroke, type II diabetes or metabolic syndrome (syndrome X).

IPC 1-7
C07K 14/72; **G01N 33/566**; **A61P 3/04**; **A61P 3/06**; **A61P 3/10**

IPC 8 full level
A61P 3/04 (2006.01); **A61P 3/06** (2006.01); **A61P 3/10** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP US)
A61P 3/04 (2017.12 - EP); **A61P 3/06** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **G01N 33/566** (2013.01 - EP US); **G01N 2333/726** (2013.01 - EP US); **G01N 2500/10** (2013.01 - EP US)

Citation (search report)
See references of WO 0161359A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0161359 A2 20010823; **WO 0161359 A3 20020328**; AU 3213201 A 20010827; EP 1255779 A2 20021113; US 2003113810 A1 20030619

DOCDB simple family (application)
GB 0100684 W 20010219; AU 3213201 A 20010219; EP 01904221 A 20010219; US 20353902 A 20021008